

## ABSTRACT

### **THE INFLUENCE OF LEARNING OUTCOMES PRODUCTIVE SUBJECTS AND SELF-RELIANCE LEARNING WITH ACHIEVEMENT INDUSTRIAL WORK PRACTICES STUDENTS OF GRADE XII ELECTRONICS ENGINEERING SKILLS PROGRAM AT SMKN 3 YOGYAKARTA ACADEMIC YEAR 2012/2013**

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This study aimed to determine: (1) the influence of Learning Outcomes Productive Subjects with Achievement Industrial Work Practices students of grade XII Electronics Engineering Skills Program at SMKN 3 Yogyakarta Academic Year 2012/2013. (2) the influence Self-Reliance Learning with Achievement Industrial Work Practices students of grade XII Electronics Engineering Skills Program at SMKN 3 Yogyakarta Academic Year 2012/2013. (3) the influence of Learning Outcomes Productive Subjects and Self-Reliance Learning jointly with Achievement Industrial Work Practices students of grade XII Electronics Engineering Skills Program at SMKN 3 Yogyakarta Academic Year 2012/2013.

This research is a study of ex post facto. The population of the research are students of grade XII Electronics Engineering Skills Program Academic Year 2012/2013 amounts to 69 students who entirely taken as a subject of research. Testing instruments has implemented by 33 student of grade XI Electronics Engineering Skills Program. The validity of the tests carries out by the technique of Pearson Product Moment correlation, whereas the reliability test used Alpha Cronbach formula. To know how the influence of Learning Outcomes Productive Subject with Achievement Industrial Work Practices and the influence of Self-Reliance Learning with Achievement Industrial Work Practices can use analysis techniques of Product Moment correlation. Regression analysis techniques use to know the influence of Learning Outcomes Productive Subject and Self-Reliance Learning jointly with the Achievements Industrial Work Practices.

The results showed that: (1) there is a positive influence between Learning Outcomes Productive Subject with Achievement Industrial Work Practices students of grade XII Electronics Engineering Skills Program at SMKN 3 Yogyakarta Academic Year 2012/2013 as evidenced by the price of  $r_{x1y}$  (0,340) is greater than  $r_{tabel}$  (0.235) at the 5% significance level. (2) there is a positive influence between Self-Reliance Learning with Achievement Industrial Work Practices students of grade XII Electronics Engineering Skills Program at SMKN 3 Yogyakarta Academic Year 2012/2013 as evidenced by the price  $r_{x2y}$  (0,353) greater than  $r_{tabel}$  (0.235) at the 5% significance level. (3) there is a positive influence between Learning Outcomes Productive Subject and Self-Reliance Learning jointly with Achievements Industrial Work Practices students of grade XII Electronics Engineering Skills Program at SMKN 3 Yogyakarta Academic Year 2012/2013 as evidenced by the price of  $R_{y(1,2)}$  (0,440) greater than  $r_{tabel}$  (0.235) at the 5% significance level. The coefficient of determination is ( $R^2_{y(1,2)}$ ) of 0,194. Effective contribution of Learning Outcomes Productive Subject of 9,2732% and Self-Reliance Learning of 10,1268%.

Keywords: productive subject, self-reliance learning, industrial work practices